

## INTERNATIONAL SEARCH REPORT

International Application No  
PCT/DE2005/000515

A. CLASSIFICATION OF SUBJECT MATTER  
IPC 7 G01B11/14 G01B11/16 G01L1/24 G01M13/04

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)  
IPC 7 G01B G01L G01M G01D

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

| Category * | Citation of document, with indication, where appropriate, of the relevant passages  | Relevant to claim No. |
|------------|---|-----------------------|
| X          | WO 97/41413 A (FORSCHUNGSZENTRUM KARLSRUHE GMBH; FISCHER, HARALD; WOLF, RAINER)<br>6 November 1997 (1997-11-06)<br>page 2, line 15 – page 5, line 11; figure 1<br>----- | 1-13                  |
| X          | DE 32 36 435 A1 (FRAUNHOFER-GESELLSCHAFT ZUR FOERDERUNG DER ANGEWANDTEN FORSCHUNG E.V.); 5 April 1984 (1984-04-05)<br>pages 5-6; figure 1<br>-----                      | 1-13                  |
| X          | GB 1 470 351 A (STANFORD RES INST)<br>14 April 1977 (1977-04-14)<br>page 4, line 21 – page 5, line 74; figures 3-7<br>-----   | 1-13                  |
|            |   | -/-                   |

Further documents are listed in the continuation of box C.

Patent family members are listed in annex.

## \* Special categories of cited documents :

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| Date of the actual completion of the international search  | Date of mailing of the international search report |
| 24 June 2005   | 01/07/2005   |
| Name and mailing address of the ISA<br>European Patent Office, P.B. 5818 Patentlaan 2<br>NL - 2280 HV Rijswijk<br>Tel. (+31-70) 340-2040, Tx. 31 651 epo nl.<br>Fax: (+31-70) 340-3016 | Authorized officer<br>Beyfuß, M                    |

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## C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

| Category | Citation of document, with indication, where appropriate, of the relevant passages   | Relevant to claim No. |
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| X        | EP 0 810 426 A (OTIS ELEVATOR COMPANY)<br>3 December 1997 (1997-12-03)<br>column 2, line 57 - column 4, line 36;<br>figures 1,2<br>----- | 1-13                  |
| X        | US 5 376 785 A (CHIN ET AL)<br>27 December 1994 (1994-12-27)<br>column 5, line 17 - column 23, line 36;<br>figures 1-44<br>-----         | 1-13                  |

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## INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No  
PCT/DE2005/000515

| Patent document cited in search report |    | Publication date |  | Patent family member(s)   |  | Publication date   |
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